

FIG. 1

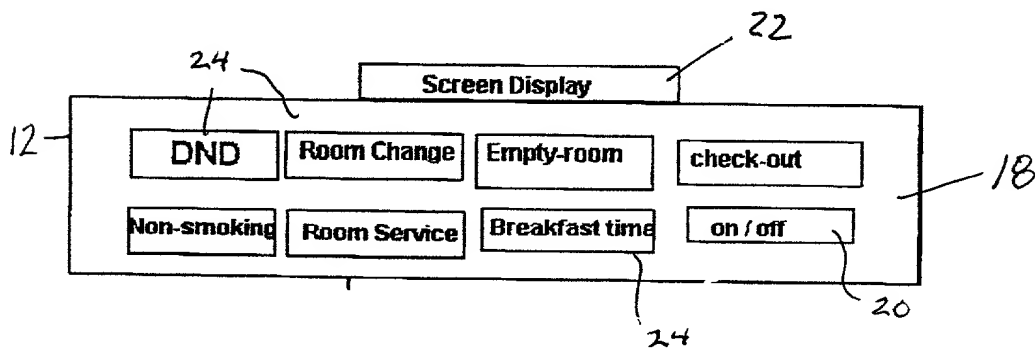


FIG. 2

FIG. 3

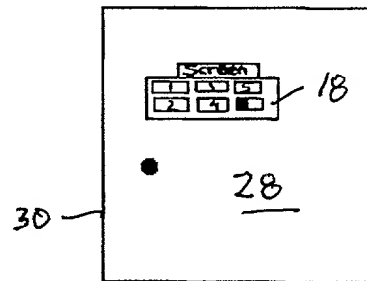
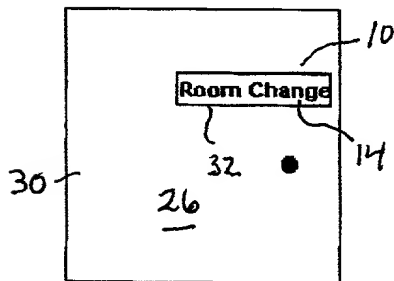


FIG. 4

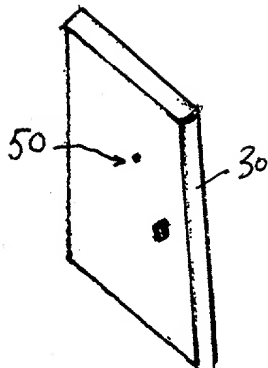


FIG. 5

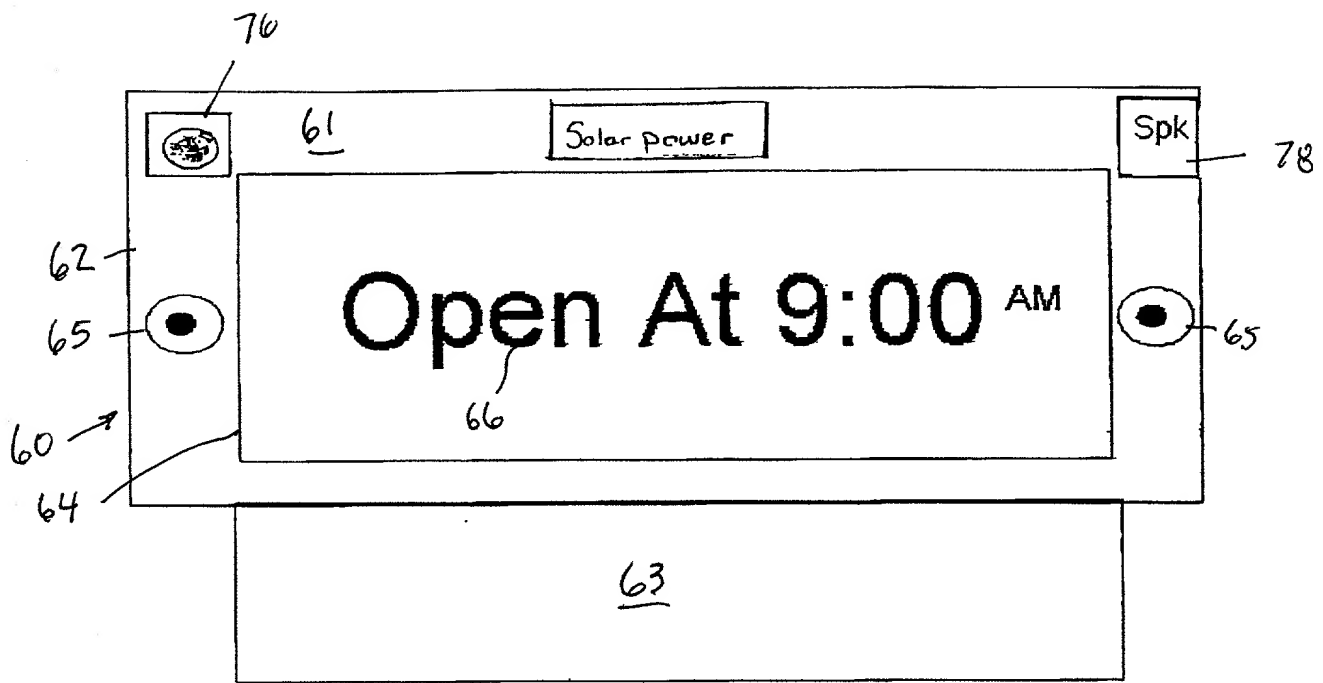


FIG. 6

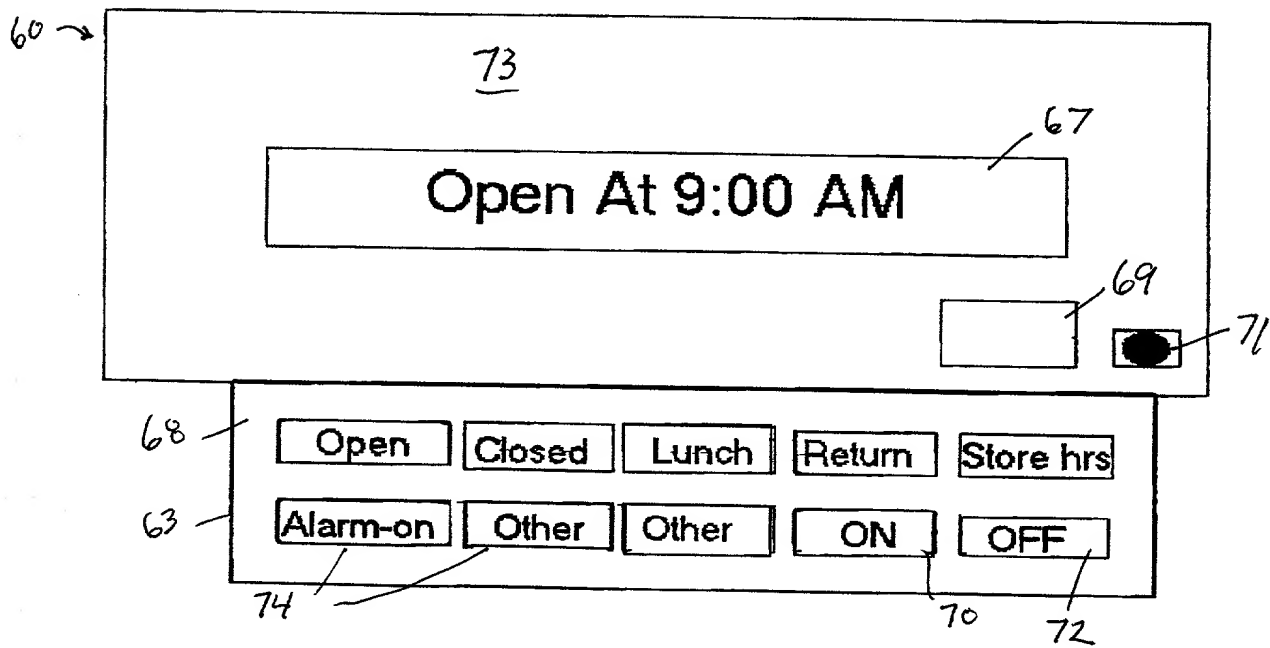


FIG. 7

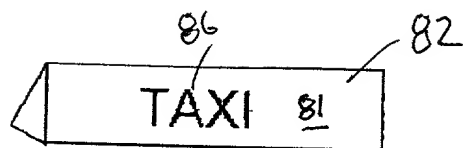


FIG. 8

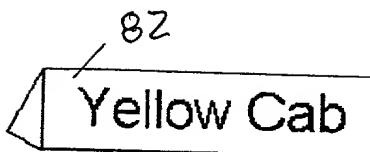


FIG. 9

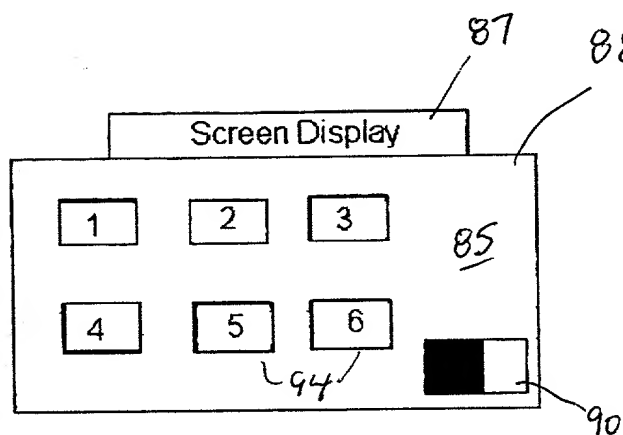


FIG. 10

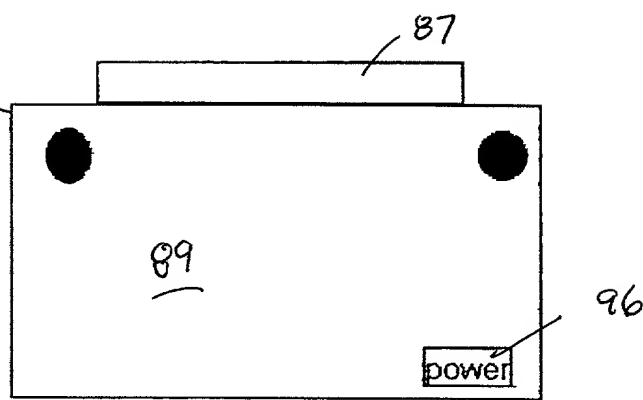


FIG. 11

- Messages
- ☐ 1 Taxi - Yellow Cab
 - ☐ 2 In Service
 - ☐ 3 Out Service
 - ☐ 4 Other Messages
 - ☐ 5 Handicap Access
 - ☐ 6 Help / Emergency
 - ☐ On / Off

FIG. 12

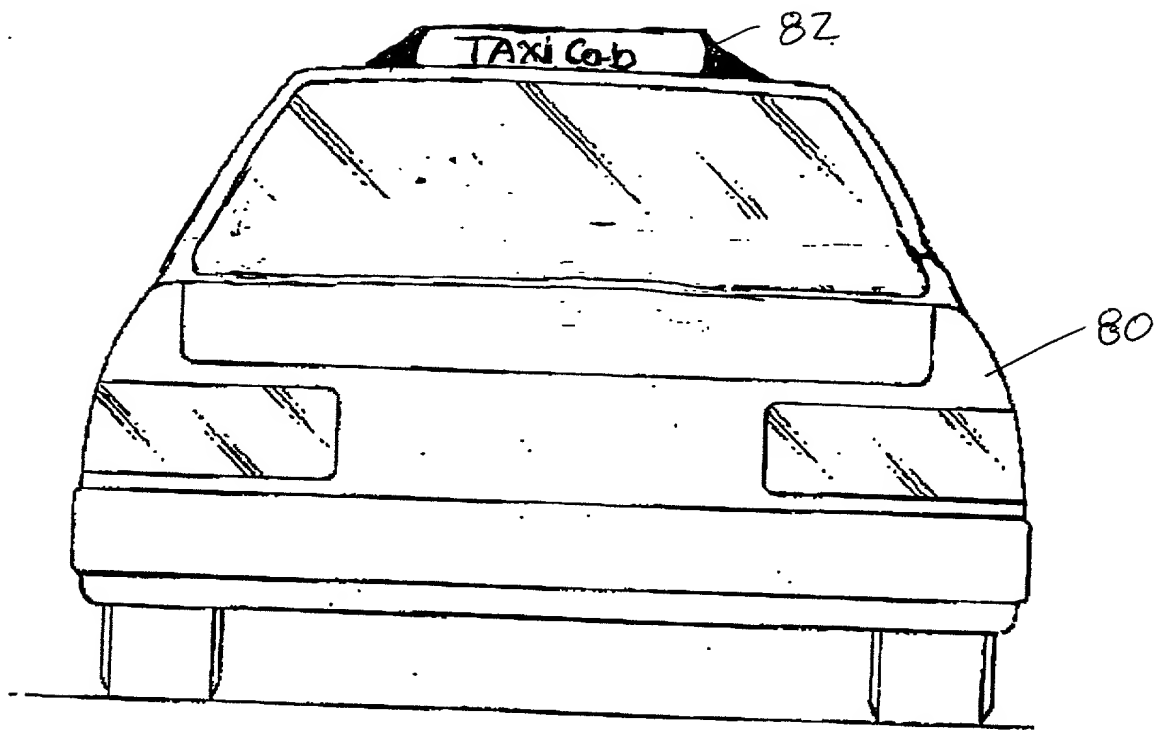


FIG. 13

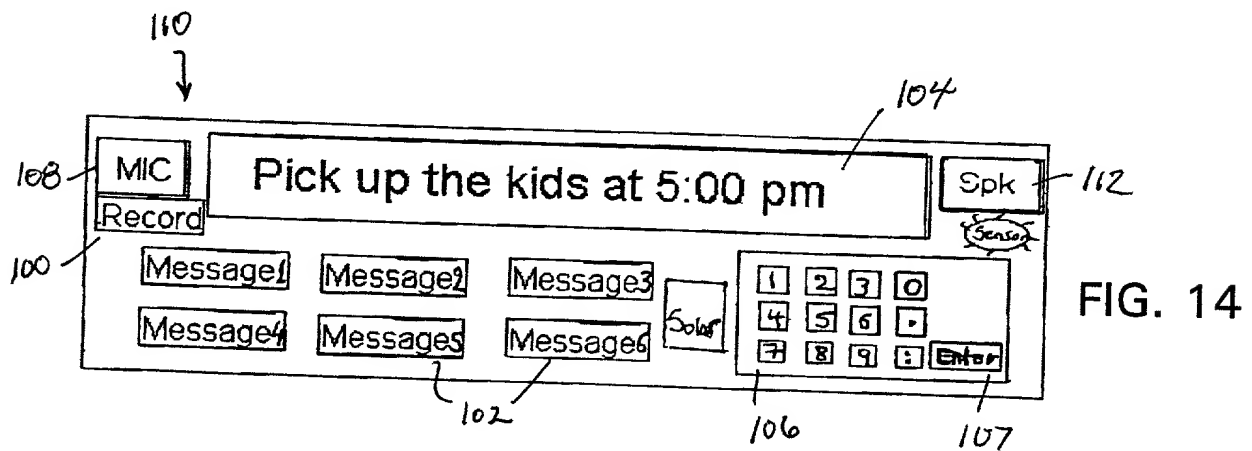


FIG. 14

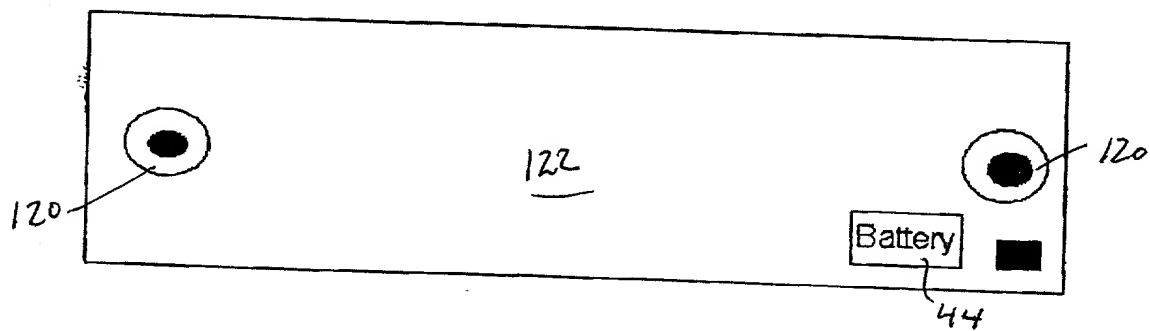
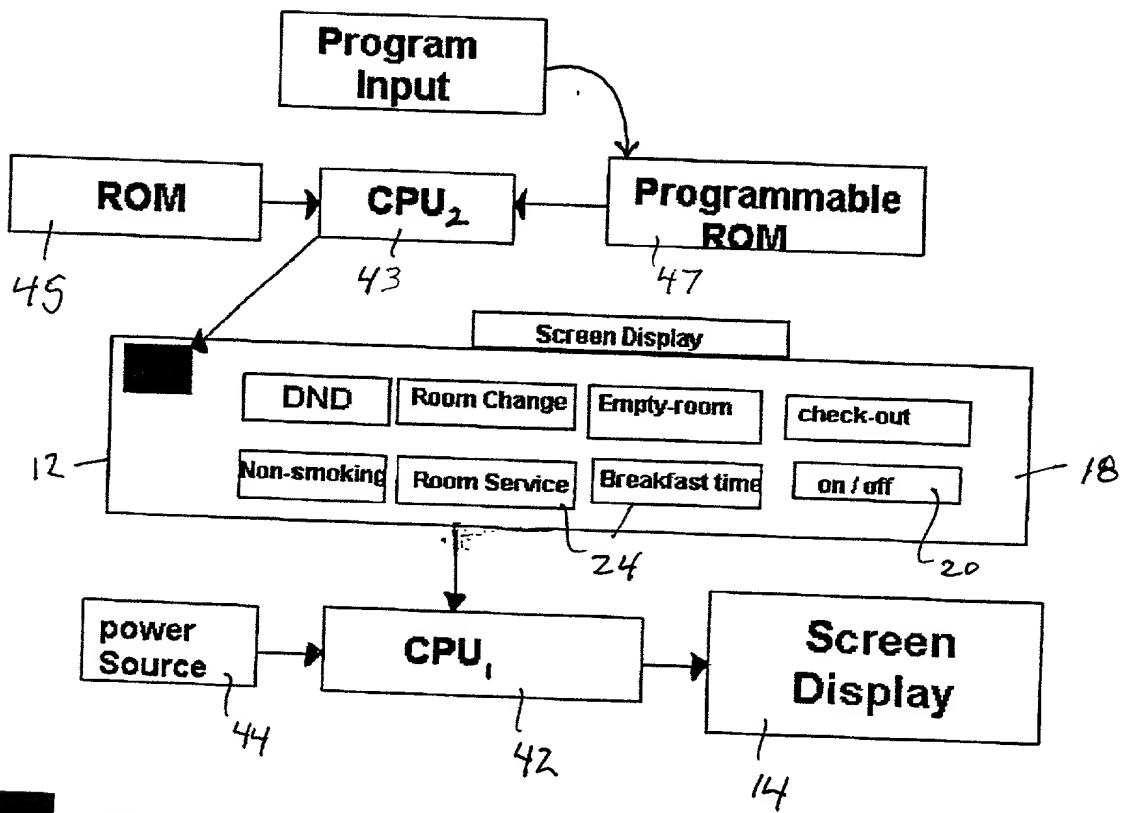


FIG. 15



■ = Input port

Rom = Read-Only-Memory

FIG. 16

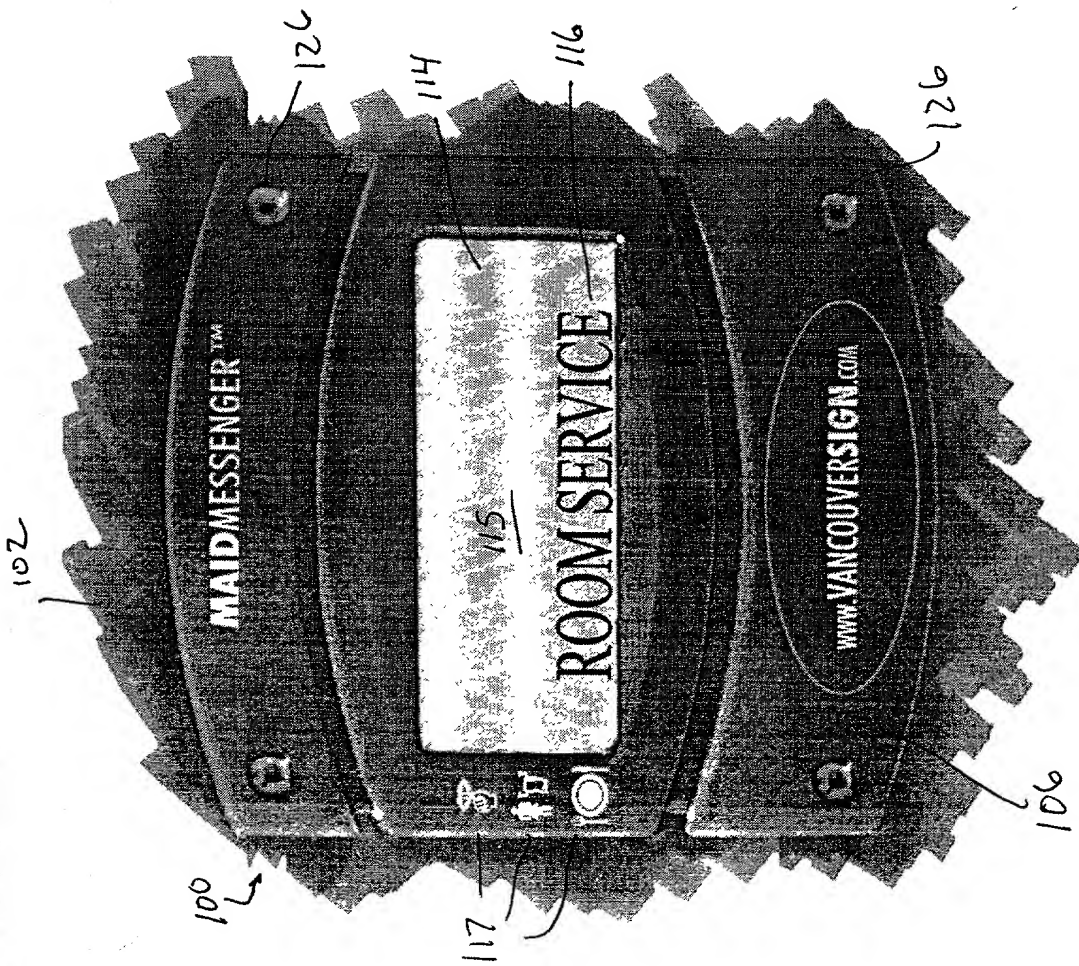


FIG. 17

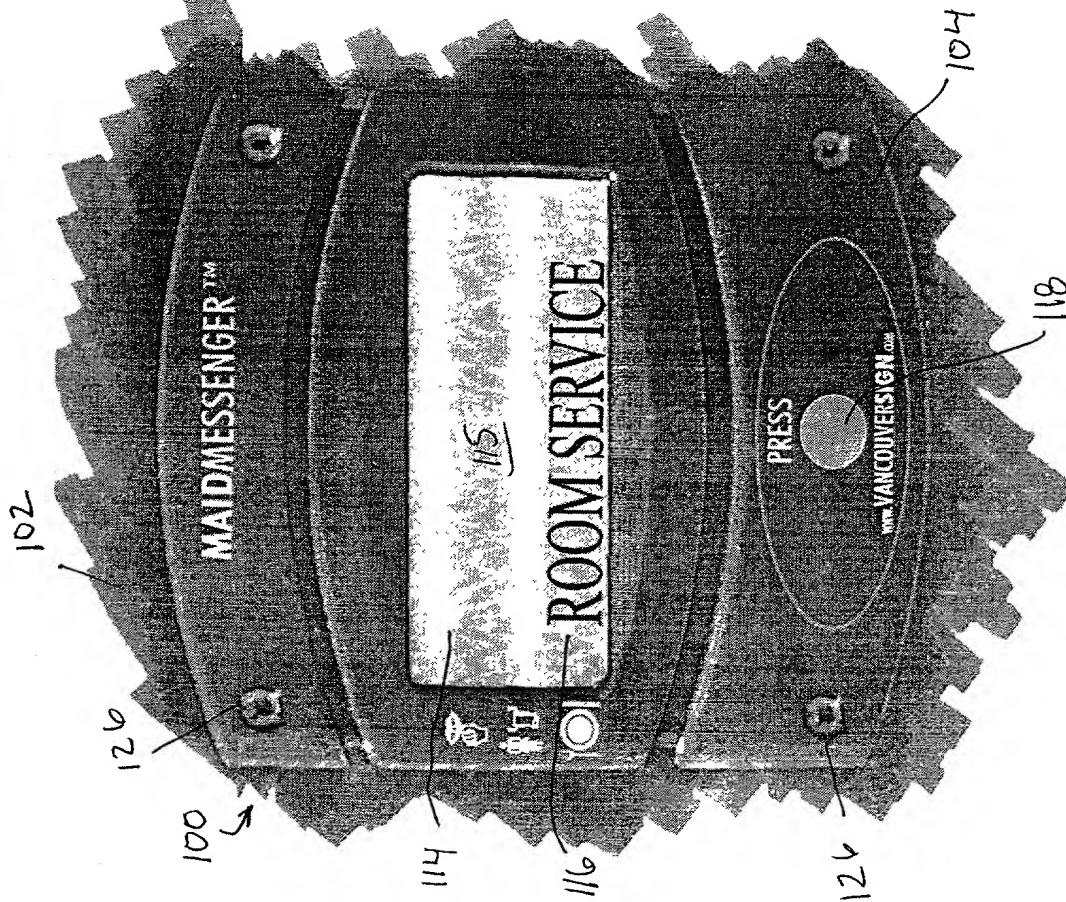


FIG. 18

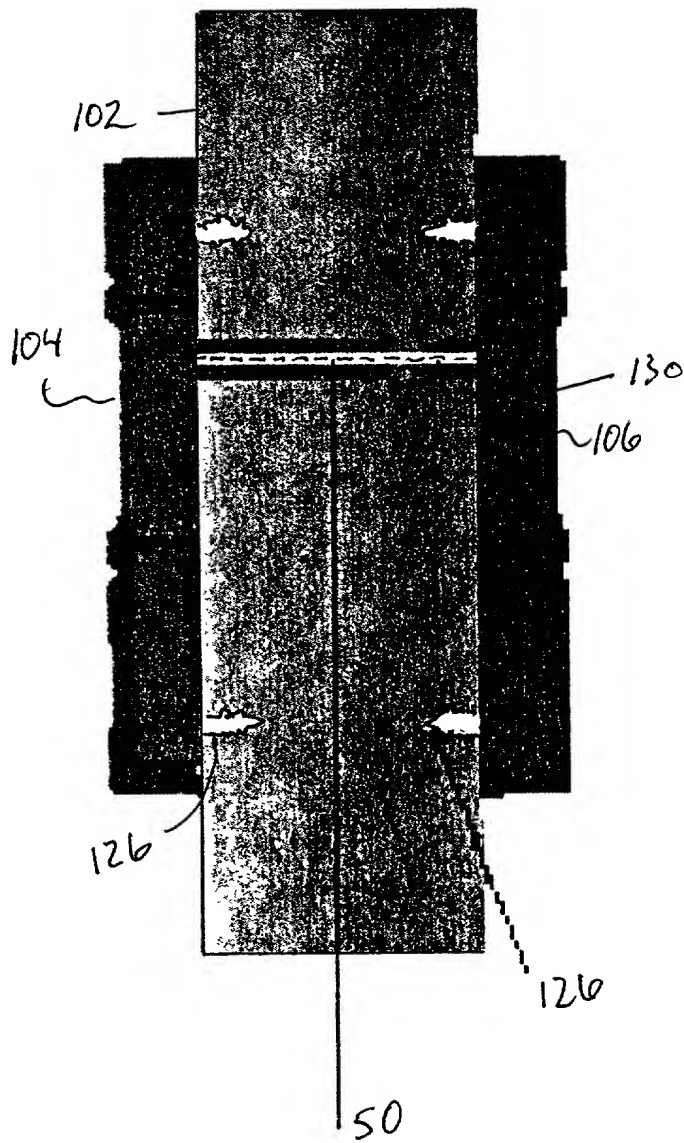


FIG. 19

LCD1
LTD-ARD453

DO NOT DISTURB
ROOM SERVICE
MAKE UP ROOM

114

DP
SEG1
SEG2
SEG3

U1
VDD
RA0/AN0
RA1/AN1
RA2/AN2/VREF
RA3/AN3
RA4/TOCKI
OSC1/CKI RB0/INT
OSC2/CKO
MCLR/VPP
VSS
PIC18LC620A-04/SO

120

17 PULL-UP
18
1
2
3
6 nSwitch
7 BP
8 SEG1
9 SEG2
10 SEG3
11 PULL-UP
12 PULL-UP
13 PULL-UP

C2 82pF
C3 82pF
Y1 12.768MHz
GND

VCC
R2 10k
GND
R1 100k
R3 100R
nSwitch
S1
VCC
GND

VCC
J1
3MM
C12316
Lithium Battery
GND

124

118

FIG. 20

FIG. 21

132

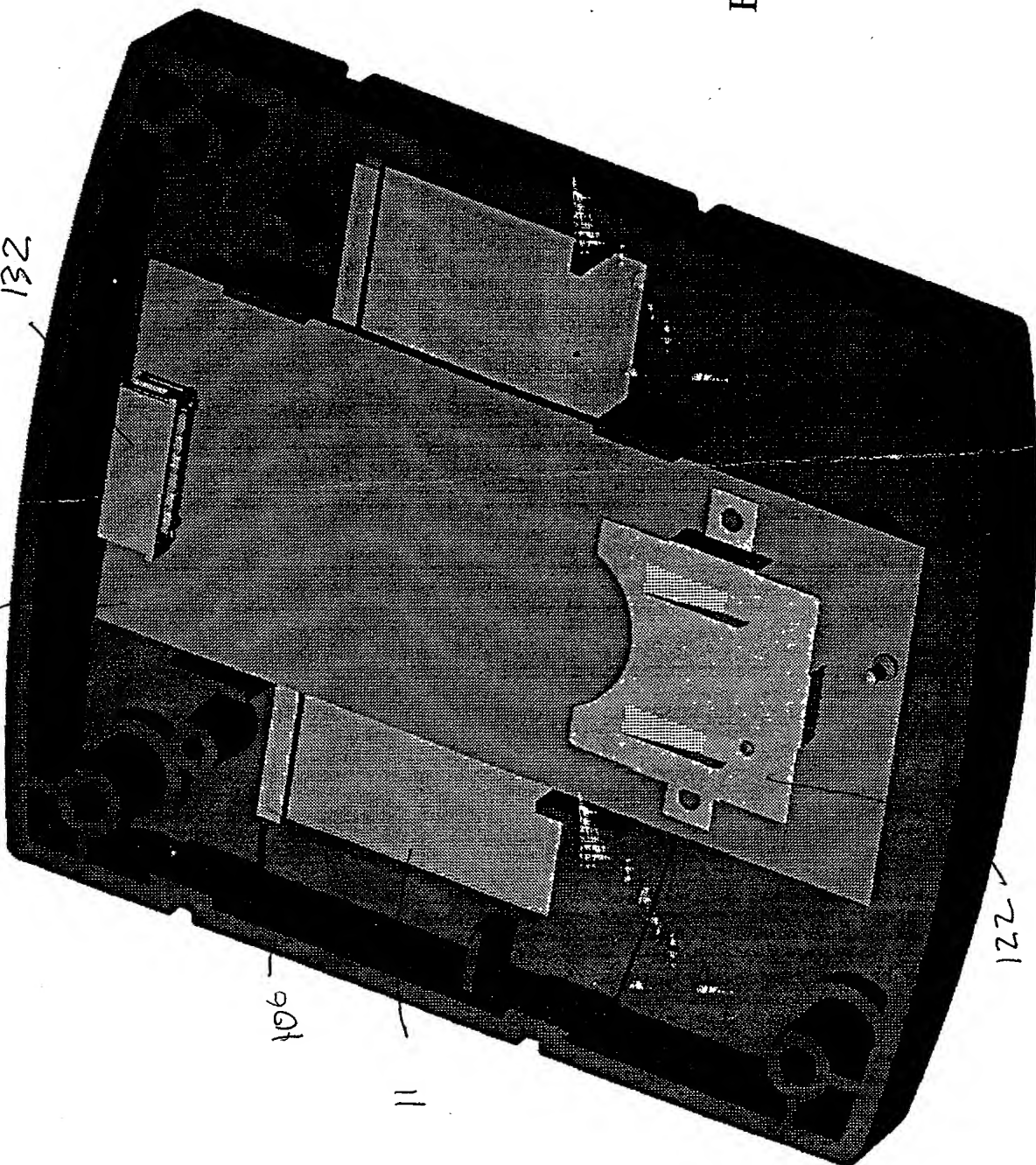


FIG. 21